



# REPORT

OF THE

**Medical Officer of Health**

AND OF THE

**School Medical Officer**

FOR THE

BOROUGH OF BARNSTAPLE,

1917.

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BARNSTAPLE :

"NORTH DEVON HERALD" PRESS, HIGH STREET.



BEAR STREET,  
BARNSTAPLE,

June, 1918,

*To the Chairman and Members of the Barnstaple  
Town Council.*

GENTLEMEN,—

I have the pleasure to present the Annual Report on the Health and Sanitary administration of the Borough for the year 1917.

Your obedient servant,

HERBERT C. JONAS.

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## SUMMARY OF THE PRINCIPAL ITEMS OF INTEREST IN THE VITAL STATISTICS FOR THE YEAR 1917.

The figures for Barnstaple, 1916, and where available those for England and Wales for 1917, are given in parallel columns.

|                            |                       |                 |      |
|----------------------------|-----------------------|-----------------|------|
| Area of Borough .. ..      | 2,359 acres           |                 |      |
| Estimated Population ..    | 14,033 for Birth Rate |                 |      |
| "                    "     | 12,589 for Death Rate |                 |      |
|                            |                       | England & Wales |      |
|                            | 1916                  | 1917            | 1917 |
| Birth Rate .. ..           | 16·3                  | 13·8            | 17·8 |
| Death Rate .. ..           | 17·3                  | 19·1            | 14·4 |
| Infant Mortality .. ..     | 101·3                 | 66·0            | 97·0 |
| Tuberculosis Death Rate .. | 1·5                   | 2·1             | —    |
| Cancer Death Rate .. ..    | 1·9                   | 2·1             | —    |

The figures for the estimated population given above are supplied by the Registrar General, and the rates are worked out from those figures.

# ANNUAL REPORT OF THE SCHOOL MEDICAL OFFICER.

## *To the Barnstaple Education Committee.*

MISS WRIGHT AND GENTLEMEN,

The following is a summary of work done during the year 1917 :—

A.—The general and sanitary arrangements of the schools are satisfactory ; there have been no complaints in this respect.

The heating system is carried out as formerly by stoves.

B. The method of carrying out the inspections has been to examine :

(1) Entrants (children 4-5 years of age).

(2) Intermediates (children 8-9 years of age).

(3) Leavers (children 12-13 years of age).

All code inspections were carried out between the hours of 9 and 11 a.m.

Each school has been first inspected to examine the children of above ages.

Later each school has been re-visited twice to re-examine those referred for treatment.

There has been great difficulty in getting children treated for throat and eye affections owing to lack of adequate number of recommends for the Dispensary and Infirmary, and also to the parents objecting to have anything done or not realising the seriousness of the conditions.

The same applies to dental treatment.

The School Nurse will shortly start work in the District, and the School Clinic will be opened early in the year, where many of the minor ailments will doubtless receive attention.

Children examined under Code Group :

|                                  | Entrants. | Intermediates. | Leavers. | Total. |
|----------------------------------|-----------|----------------|----------|--------|
| Boys ..                          | 98        | 116            | 117      | 331    |
| Girls ..                         | 97        | 82             | 128      | 307    |
| Totals..                         | 195       | 198            | 245      | 638    |
| Number referred for treatment .. |           |                | ..       | 213    |
| „ of defects treated ..          |           |                | 79       | 213    |
| Condition improved ..            |           |                | 46       |        |
| Left school or absent ..         |           |                | 27       |        |
| No treatment ..                  |           |                | 61       |        |

*Follow-up cases :*

|                              |    |    |    |
|------------------------------|----|----|----|
| Number examined ..           | .. | .. | 61 |
| Number of defects treated .. | .. | 36 | 68 |
| No treatment ..              | .. | 25 |    |
| Left school ..               | .. | 7  |    |

*Specials :*

|                        |    |    |    |    |
|------------------------|----|----|----|----|
| Number examined..      | .. | .. | .. | 99 |
| Referred for treatment | .. | .. | .. | 59 |

*Special Boot Parade (St. Mary's) :*

|                 |       |           |       |          |
|-----------------|-------|-----------|-------|----------|
| Mixed School    | 144   | examined. | 16    | referred |
| Infants' School | 127   | „         | 15    | „        |
|                 | <hr/> |           | <hr/> |          |
|                 | 271   |           | 31    |          |

Total number of children examined at

|                      |    |    |    |     |
|----------------------|----|----|----|-----|
| Code Inspections     | .. | .. | .. | 638 |
| Special Examinations | .. | .. | .. | 99  |

Total .. 737

Total number of re-examinations .. 401

Total number of examinations and re-examinations .. .. 1138

*Letters to Parents :*

|              |    |    |    |    |     |
|--------------|----|----|----|----|-----|
| Under Code.. | .. | .. | .. | .. | 371 |
| Specials     | .. | .. | .. | .. | 60  |
| Follow-ups   | .. | .. | .. | .. | 25  |
| Boot Parade  | .. | .. | .. | .. | 31  |

*Total number of letters* .. 487

The following is the number of visits paid to the respective schools during the year 1917 :—

|                       |    |    |    |    |    |
|-----------------------|----|----|----|----|----|
| Blue Coat             | .. | .. | .. | .. | 11 |
| Parish Church Girls.. | .. | .. | .. | .. | 6  |
| Parish Church Infants | .. | .. | .. | .. | 7  |
| Wesleyan Mixed        | .. | .. | .. | .. | 8  |
| Wesleyan Infants      | .. | .. | .. | .. | 6  |
| Trinity Boys..        | .. | .. | .. | .. | 5  |
| Trinity Girls ..      | .. | .. | .. | .. | 6  |
| Roman Catholic        | .. | .. | .. | .. | 5  |
| St. Mary's Mixed      | .. | .. | .. | .. | 8  |
| St. Mary's Infants    | .. | .. | .. | .. | 8  |
| Cyprus Terrace        | .. | .. | .. | .. | 5  |
| Ashleigh Road         | .. | .. | .. | .. | 10 |
| Pilton Mixed..        | .. | .. | .. | .. | 5  |
| Pilton Infants        | .. | .. | .. | .. | 4  |

Total .. 94

As before I have received every assistance and courtesy from the School Teachers,

The improvement in the children, especially with reference to cleanliness is very noticeable.

Only in one instance has a parent refused to have her child examined.

There have been numerous instances where the mothers have, been most grateful for having defects of their children brought to notice, and where they have been able to get the condition remedied by their family medical man, or through the North Devon Infirmary and North Devon Dispensary.

I also take the opportunity of thanking the School Attendance Officer (Mr. Harris) for his valuable services especially with reference to letters to parents.

I have the honour to remain,

Your Obedient Servant,

WALTER J. HARPER.

#### ACCOMMODATION FOR SMALL POX PATIENTS.

The Council, in conjunction with the Barnstaple Rural District, is provided with 2 tents, and a site on which to erect them, with a satisfactory water supply.

#### ISOLATION HOSPITAL.

Nine cases of diphtheria have been admitted to the Isolation Hospital, and one case of cerebro spinal meningitis.

21, CASTLE STREET,  
BARNSTAPLE.

*To the Chairman and Members of the Urban District  
Council.*

GENTLEMEN,—

I beg to submit for your consideration a summary of work done during the year 1917.

|   |    |    |    |     |
|---|----|----|----|-----|
| Number of Houses Inspected  | .. | .. | .. | 227 |
| „ Inspections and Re-visits   | .. | .. | .. | 878 |
| „ Complaints attended to  | .. | .. | .. | 110 |
| „ Preliminary Notices given   | .. | .. | .. | 44  |
| „ Statutory Notices served  | .. | .. | .. | 8   |
| „ Official Reports made   | .. | .. | .. | 9   |
| „ Cases reported under the Housing Acts                             | .. | .. | .. | 13  |
| „ Old Houses satisfactorily renovated                               | .. | .. | .. | 27  |
| „ Houses Demolished after the making of<br>Closing Order            | .. | .. | .. | 2   |
| „ Houses Redrained throughout with new<br>connections to sewer      | .. | .. | .. | 44  |
| „ House Drains repaired   | .. | .. | .. | 22  |
| „ New Water Closets built   | .. | .. | .. | 22  |
| „ Water Closets repaired  | .. | .. | .. | 55  |
| „ Privies converted into water closets                              | .. | .. | .. | 1   |
| Visits to Slaughter Houses  | .. | .. | .. | 237 |
| „ Common Lodging Houses   | .. | .. | .. | 7   |
| „ Dairies, Cowsheds and Milkshops                                   | .. | .. | .. | 40  |
| „ Bakehouses  | .. | .. | .. | 25  |
| Number of Houses Disinfected  | .. | .. | .. | 75  |
| „ Lots of Bedding & Clothing Disinfected                            | .. | .. | .. | 37  |
| „ Houses Cleaned and Limewashed                                     | .. | .. | .. | 6   |
| „ Diseased Animals or Carcases found<br>unfit for human consumption | .. | .. | .. | 3   |

HOUSING.

Tabular Statement of work done under the Housing (Inspection of District) Regulations, 1910.

|   |    |    |    |    |    |     |
|---|----|----|----|----|----|-----|
| Number of Houses Inspected under and for the purposes of<br>Sec. 17   | .. | .. | .. | .. | .. | 191 |
| Number considered to be in a state so dangerous or injurious<br>to health as to be unfit for human habitation | .. | .. | .. | .. | .. | 13  |
| Number in which the defects were remedied without the<br>making of Closing Order                              | .. | .. | .. | .. | .. | 25  |



|  |    |
|--|----|
| Number of representations made to the Local Authority with the view to the making of Closing Order..                   | 11 |
| Number of Closing Orders made .. .. .  | 10 |
| Number of Dwelling Houses which after the making of Closing Order were put in a fit state for human habitation .. .. . | 2  |
| Number of Houses demolished (one of these voluntarily) ..  | 3  |

General character of defects found to exist:—insufficient ventilation and lighting, structural faults, unpaved yards, defective drainage, etc,

I am, Gentlemen,

Your obedient servant,

JOHN HILL, A.R.S.I.

### INFECTIOUS DISEASES.

102 cases have been notified, excluding measles.

A Table for comparison is given from 1913 to 1917 inclusive:

| DISEASE.                     | 1913 | 1914 | 1915 | 1916 | 1917 |
|------------------------------|------|------|------|------|------|
| Diphtheria .. .. .           | 29   | 19   | 51   | 41   | 42   |
| Erysipelas .. .. .           | 6    | 7    | 3    | 8    | 1    |
| Scarlet Fever .. .. .        | 156  | 104  | 21   | 8    | 7    |
| Enteric Fever .. .. .        | 6    | 6    | —    | 1    | 0    |
| Acute Poliomyelitis .. .. .  | 1    | —    | —    | —    | —    |
| Cerebro Spinal Meningitis .. | —    | —    | —    | —    | 1    |
| Pulmonary Tuberculosis ..    | 37   | 35   | 22   | 34   | 37   |
| Other forms of Tubercle ..   | 21   | 11   | 7    | 10   | 20   |

### SCARLET FEVER.

Of the 7 cases, 4 were notified in October, and 2 of these on the same day, 1 from Yeo Vale and 1 from Derby. No connection could be discovered between these two, and beyond a second case which arose in Derby and was attributed to direct infection there was no spread of the disease. There was one death from this disease due to septic meningitis.

### ENTERIC.

No cases notified.

### DIPHTHERIA.

During January 7 cases were notified, 2 in February, and 7 in March; this was carrying on the small epidemic at the end of 1916. The number of cases fell through the summer months—4 were notified in August (3 of these in one house), 2 in October, 12 in November, and 5 in December. The cases were distributed



generally throughout the town, no part escaping completely, and no part showing a great excess of cases. Until October, when of the 19 cases notified to the end of the year 9 came from the North Devon Infirmary, three wards one above the other provided these cases, that is including nurses working in these wards. Swabs were taken from all the nursing and day staff, and all found to be negative carriers were thus excluded. On examination of the drains it was found that a ventilator was blocked and there was some sewer gas held back which may have escaped from a crack found in a soil pipe on that side. This was remedied and the patients removed to the isolation hospital. No cases afterwards arose at the Infirmary.

The type of the disease was not very severe, as is shewn by the fact that only one out of the 42 cases proved fatal.

### MEASLES AND GERMAN MEASLES.

Seven cases of measles and two of the latter disease were notified during the year.

TABLE GIVING DEATHS FROM ZYMOTIC DISEASES  
FOR THE LAST 10 YEARS.

The bottom totals give the deaths for each year. The right hand column gives the totals for each disease during the 10 years.

| DISEASE.           | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | Total each<br>disease<br>during 10 yrs |
|--------------------|------|------|------|------|------|------|------|------|------|------|--|
| Diarrhœa ...       | 2    | 1    | 1    | 7    | 1    | 7    | 2    | 3    | —    | 1    | 25                                     |
| Diphtheria...      | —    | 1    | —    | —    | 3    | 1    | 1    | 2    | 3    | 1    | 12                                     |
| Measles ...        | 2    | —    | 1    | 8    | 1    | —    | —    | 4    | 3    | —    | 19                                     |
| Scarlet Fever ...  | 2    | —    | —    | —    | 1    | 1    | 2    | —    | —    | 1    | 7                                      |
| Typhoid ...        | 2    | —    | —    | 9    | —    | —    | —    | —    | —    | —    | 11                                     |
| Whooping Cough...  | —    | —    | 8    | —    | 1    | —    | —    | 1    | 2    | —    | 12                                     |
| Total per year ... | 8    | 2    | 10   | 24   | 7    | 9    | 5    | 10   | 8    | 3    |  |

The order of fatality remains as before—

|                |     |     |    |
|----------------|-----|-----|----|
| Diarrhœa ...   | ... | ... | 25 |
| Measles ...    | ... | ... | 19 |
| Whooping Cough | ... | ... | 12 |
| Diphtheria ... | ... | ... | 12 |
| Typhoid Fever  | ... | ... | 11 |
| Scarlet Fever  | ... | ... | 7  |

that is to say that diarrhœa, measles and whooping cough have caused 66 per cent. of the total deaths caused by zymotic diseases.

TUBERCULOSIS.<sup>1</sup>

Thirty seven cases of pulmonary and 20 of non-pulmonary Tubercle have been notified during the year.

The deaths from this disease are 27; 19 of them from phthisis, and 8 from other forms of tubercle.

The age distribution is as follows:—

|                    | Over 5 | 5-15 | 15-25 | 25-45 | 45-60 | over 60 |
|--------------------|--------|------|-------|-------|-------|---------|
| Pulmonary Tubercle | —      | 1    | 2     | 11    | 3     | 2       |
| Non-Pulmonary ..   | —      | 2    | —     | 3     | 1     | 2       |

The death rate from Tuberculosis is high this year, viz., 2·1. It must, however, be remembered that this is accounted for by the fact that civilians only are reckoned in arriving at the death rate, so that whereas a large number of healthy lives are withdrawn from the calculation, all those of the population who were suffering from the disease remain behind.

## CANCER.

The death rate from this disease is 2·1 per 1,000 living. This, like the tuberculosis death rate, shows an increase, and for the same reason.

The number of deaths is 27, a slight increase on last year. Age incidence—

| 40-50 | 50-60 | 60-70 | 70-80 | over 80 |
|-------|-------|-------|-------|---------|
| 5     | 8     | 7     | 5     | 2       |

This should be compared with the corresponding table for Tubercle given above. 19 out of 27 tubercular deaths occur before the age of 45, and 22 out of 27 deaths from cancer occur after the fiftieth year.

The site of the growth was as follows:—

|                               |                              |
|-------------------------------|------------------------------|
| Colon 6, Rectum 3.            | Total for large Intestine 9. |
| Stomach 5, Œsoph 1, Tongue 3. | Total for rest of Alimentary |
| Carnal 9.                     |                              |

Uterus, Liver and Breast 2 each.

Omentum, Ribs and Jaw 1 each.

Influenza caused 9 deaths in the year, pneumonia 14, bronchitis 11, other respiratory diseases 8.

## INFANT MORTALITY.

There were 195 births in the year; of these 13 died. This gives a death rate of children under 1 year of 66 per 1,000 births, a considerable improvement on last year, when it was 101·3.

During the year considerable progress has been made towards starting a maternity centre in this district, and by the time this report is published it will be working.

| Deaths under 1 month.     |   | Over 1 month.          |   |
|---------------------------|---|------------------------|---|
| Inanition .....           | 2 | Bronchopneumonia ..... | 2 |
| Overlying .....           | 1 | Influenza .....        | 1 |
| Premature Birth .....     | 3 | Meningitis .....       | 1 |
| Intestinal Obstruction... | 1 | Septicæmia .....       | 1 |
| Defective Aorta .....     | 1 |                        |   |
|                           | — |                        | — |
|                           | 8 |                        | 5 |

### VITAL STATISTICS.

There were 195 Births during the year.

The Birth Rate was 13·8.

Comparative Table of Birth Rates since 1901.

| Period.      | No. of Births. | Barnstaple Rate<br>per 1,000 living. | Rate for England<br>and Wales. |
|--------------|----------------|--------------------------------------|--------------------------------|
| 1901 to 1905 | —              | 22·19                                | —                              |
| 1906 to 1910 | —              | 20·97                                | —                              |
| 1911 to 1915 | —              | 18·51                                | —                              |
| 1916         | 227            | 16·3                                 | 21·9                           |
| 1917         | 195            | 13·8                                 | 17·8                           |

### DEATHS.

The number of Deaths in the district is 241, and the Death Rate is 19·1.

The following gives the comparative figures from 1912:—

| Year | Nett Deaths for<br>Barnstaple. | Rate per 1,000. | Death Rate<br>England & Wales. |
|------|--------------------------------|-----------------|--------------------------------|
| 1912 | 227                            | 15·64           | 12·1                           |
| 1913 | 204                            | 14·0            | 13·4                           |
| 1914 | 209                            | 14·27           | 13·1                           |
| 1915 | 239                            | 15·53           | 13·4                           |
| 1916 | 223                            | 17·3            | 14·0                           |
| 1917 | 241                            | 19·1            | 14·4                           |

### DEATHS IN PUBLIC INSTITUTIONS, 1917.

|                            | Residents. | Non-Residents. | Total. |
|----------------------------|------------|----------------|--------|
| North Devon Infirmary ...  | 8          | 17             | 25     |
| Barnstaple Workhouse ...   | 18         | 11             | 29     |
| Tuberculosis Dispensary... | —          | 1              | 1      |

HERBERT C. JONAS, M.D., B.S. (London),  
Medical Officer of Health.

# **CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE YEAR 1917.**

| NOTIFIABLE DISEASE, |    |    |    | NOTIFIABLE DISEASE.       |    |    |    |
|---------------------|----|----|----|---------------------------|----|----|----|
| Small Pox           | .. | .. | —  | Continued Fever           | .. | .. | —  |
| Cholera             | .. | .. | —  | Puerperal Fever..         | .. | .. | —  |
| Plague              | .. | .. | —  | Cerebro Spinal Meningitis |    |    | 1  |
| Diphtheria          | .. | .. | 42 | Poliomyelitis             | .. | .. | —  |
| Erysipelas          | .. | .. | 1  | Pulmonary Tuberculosis    |    |    | 37 |
| Scarlet Fever       | .. | .. | 7  | Other forms of Tubercle   |    |    | 20 |
| Typhus Fever        | .. | .. | —  | Measles                   | .. | .. | 7  |
| Enteric Fever       | .. | .. | —  | German Measles..          | .. | .. | 2  |
| Relapsing Fever..   | .. | .. | —  |                           |    |    |    |

9 cases of Diphtheria and 1 case of Cerebro Spinal Meningitis were admitted to Hospital.

IN PLACE OF TABLE 3.

| CAUSE OF DEATH.            |  |    |    |    |    | Males. | Females |
|----------------------------|--|----|----|----|----|--------|---------|
| All causes Civilians only, |  |    |    |    |    | 119    | 122     |
| 1                          | Enteric Fever                          | .. | .. | .. | .. | —      | —       |
| 2                          | Small Pox                              | .. | .. | .. | .. | —      | —       |
| 3                          | Measles                                | .. | .. | .. | .. | —      | —       |
| 4                          | Scarlet Fever                          | .. | .. | .. | .. | 1      | —       |
| 5                          | Whooping Cough                         | .. | .. | .. | .. | —      | —       |
| 6                          | Diphtheria and Croup                   | .. | .. | .. | .. | 1      | —       |
| 7                          | Influenza                              | .. | .. | .. | .. | 5      | 4       |
| 8                          | Erysipelas                             | .. | .. | .. | .. | —      | —       |
| 9                          | Pulmonary Tuberculosis                 | .. | .. | .. | .. | 7      | 12      |
| 10                         | Tuberculosis Meningitis                | .. | .. | .. | .. | —      | —       |
| 11                         | Other Tuberculous Diseases             | .. | .. | .. | .. | 2      | 6       |
| 12                         | Cancer Malignant Disease               | .. | .. | .. | .. | 13     | 13      |
| 13                         | Rheumatic Fever                        | .. | .. | .. | .. | —      | 1       |
| 14                         | Meningitis                             | .. | .. | .. | .. | —      | 1       |
| 15                         | Organic Heart Disease                  | .. | .. | .. | .. | 13     | 13      |
| 16                         | Bronchitis                             | .. | .. | .. | .. | 4      | 7       |
| 17                         | Pneumonia (all forms)                  | .. | .. | .. | .. | 10     | 4       |
| 18                         | Other Respiratory Diseases             | .. | .. | .. | .. | 4      | 4       |
| 19                         | Diarrhœa, etc., under 2 years          | .. | .. | .. | .. | —      | —       |
| 20                         | Appendicitis                           | .. | .. | .. | .. | —      | 1       |
| 21                         | Cirrhosis Liver                        | .. | .. | .. | .. | —      | —       |
| 21a                        | Alcoholism                             | .. | .. | .. | .. | 1      | —       |
| 22                         | Nephritis and Brights Disease          | .. | .. | .. | .. | 8      | 2       |
| 23                         | Puerperal Fever                        | .. | .. | .. | .. | —      | —       |
| 24                         | Parturition apart from Puerperal Fever | .. | .. | .. | .. | —      | —       |
| 25                         | Congenital Debility                    | .. | .. | .. | .. | 5      | 2       |
| 26                         | Violence apart from suicide            | .. | .. | .. | .. | 3      | 1       |
| 27                         | Suicide                                | .. | .. | .. | .. | 1      | —       |
| 28                         | Other defined diseases                 | .. | .. | .. | .. | 41     | 50      |
| 29                         | Causes unknown or ill defined          | .. | .. | .. | .. | —      | 1       |

**TABLE I.**

NUMBER OF CHILDREN INSPECTED FROM 1st  
JANUARY, 1917, to 31st DECEMBER, 1917.

**A.—“Code” Groups.**

| ENTRANTS.  |   |    |     |    |                |        |
|------------|---|----|-----|----|----------------|--------|
| Age.       | 3 | 4  | 5   | 6  | Other<br>Ages. | Total. |
| Boys ...   | — | 13 | 72  | 10 | 3              | 98     |
| Girls ...  | — | 8  | 75  | 10 | 4              | 97     |
| Totals ... | — | 21 | 147 | 20 | 7              | 195    |

  

| LEAVERS.   |                             |     |    |    |                |       |                 |
|------------|-----------------------------|-----|----|----|----------------|-------|-----------------|
| Age.       | Intermediate<br>Group.<br>8 | 12  | 13 | 14 | Other<br>Ages. | Total | Grand<br>Total. |
| Boys ...   | 116                         | 103 | 13 | —  | 1              | 233   | 331             |
| Girls ...  | 82                          | 117 | 9  | —  | 2              | 210   | 307             |
| Totals ... | 198                         | 220 | 22 | —  | 3              | 443   | 638             |

**B.—Groups other than “Code.” \***

|            | Intermediate Group<br>(other than 8 years.) | Special Cases. | Re-Examinations ( <i>i.e.</i> , No.<br>of Children Re-Examined. |
|------------|---|----------------|---|
| (1)        | (2)   | (3)            | (4)   |
| Boys ...   | —   | 60             | 125   |
| Girls ...  | —   | 39             | 80  |
| Totals ... | —   | 99             | 205   |

\* In areas where routine inspections have been suspended and the “ailing children” basis adopted, the number of children inspected should be entered in column 3.



TABLE II.

RETURN OF DEFECTS FOUND IN THE COURSE OF  
MEDICAL INSPECTION IN 1917.

| Defect or Disease.<br><br>(1)     | CODE GROUPS.                          |   | SPECIALS.                             |   |
|-----------------------------------|---------------------------------------|---|---------------------------------------|---|
|                                   | Number referred for Treatment.<br>(2) | Number requiring to be kept under observation, but not referred for Treatment.<br>(3) | Number referred for Treatment.<br>(4) | Number requiring to be kept under observation, but not referred for Treatment.<br>(5) |
| SKIN:                             |                                       |   |                                       |   |
| Malnutrition ... ..               | 6                                     | —   | 2                                     | 2   |
| Uncleanliness ... ..              | —                                     | —   | —                                     | —   |
| Head ... ..                       | 18                                    | 1   | 10                                    | 3   |
| Body ... ..                       | 7                                     | 2   | 3                                     | —   |
| SKIN:                             |                                       |   |                                       |   |
| Ringworm:                         |                                       |   |                                       |   |
| Head ... ..                       | 1                                     | —   | —                                     | —   |
| Body ... ..                       | 1                                     | —   | —                                     | —   |
| Scabies ... ..                    | —                                     | —   | 2                                     | —   |
| Impetigo ... ..                   | 4                                     | —   | 13                                    | 2   |
| Other Disease ... ..              | 2                                     | —   | —                                     | —   |
| EYE:                              |                                       |   |                                       |   |
| Defective Vision and Squint ...   | 30                                    | —   | 10                                    | 4   |
| External Eye Disease... ..        | —                                     | 1   | —                                     | —   |
| EAR:                              |                                       |   |                                       |   |
| Defecting Hearing ... ..          | —                                     | 1   | —                                     | —   |
| Ear Disease ... ..                | 2                                     | 6   | 2                                     | 1   |
| TEETH:                            |                                       |   |                                       |   |
| Dental Disease (see N.B. 2 below) | 41                                    | —   | 3                                     | —   |
| NOSE AND THROAT:                  |                                       |   |                                       |   |
| Enlarged Tonsils ... ..           | 31                                    | 23  | 2                                     | 1   |
| Adenoids ... ..                   | 18                                    | 8   | 1                                     | —   |
| Enlarged Tonsils and Adenoids ... | 27                                    | 28  | 2                                     | 2   |
| Defective Speech ... ..           | —                                     | 3   | —                                     | —   |



TABLE II.—Continued.

| Defect or Disease.<br><br>(1)    | CODE GROUPS.                          |   | SPECIALS.                             |   |
|----------------------------------|---------------------------------------|---|---------------------------------------|---|
|                                  | Number referred for Treatment.<br>(2) | Number requiring to be kept under observation, but not referred for Treatment.<br>(3) | Number referred for Treatment.<br>(4) | Number requiring to be kept under observation, but not referred for Treatment.<br>(5) |
| HEART AND CIRCULATION:           |                                       |   |                                       |   |
| Heart Disease:                   |                                       |   |                                       |   |
| Organic ... ..                   | 3                                     | 1   | —                                     | —   |
| Functional ... ..                | —                                     | —   | —                                     | —   |
| Anaemia ... ..                   | 2                                     | —   | —                                     | —   |
| LUNGS:                           |                                       |   |                                       |   |
| Pulmonary Tuberculosis:          |                                       |   |                                       |   |
| Definite ... ..                  | —                                     | —   | 1                                     | —   |
| Suspected ... ..                 | 1                                     | —   | —                                     | —   |
| Chronic Bronchitis ... ..        | 4                                     | 2   | —                                     | —   |
| Other Disease ... ..             | —                                     | 1   | —                                     | —   |
| NERVOUS SYSTEM:                  |                                       |   |                                       |   |
| Epilepsy ... ..                  | —                                     | —   | —                                     | —   |
| Chorea ... ..                    | —                                     | —   | —                                     | —   |
| Other Disease ... ..             | —                                     | —   | —                                     | —   |
| Non-pulmonary Tuberculosis:      |                                       |   |                                       |   |
| Glands ... ..                    | 1                                     | —   | 1                                     | —   |
| Bones and Joints ... ..          | 1                                     | —   | 1                                     | —   |
| Other Forms ... ..               | —                                     | —   | —                                     | —   |
| Rickets ... ..                   | —                                     | 4   | —                                     | —   |
| Deformities ... ..               | —                                     | 3   | —                                     | —   |
| Other Defects or Diseases ... .. | 13                                    | 7   | —                                     | —   |
|                                  | 213                                   | 91  | 52                                    | 15  |

N.B.—(1) In areas where the routine medical inspection of the groups of children prescribed by the Code is temporarily suspended, and the examination of ailing children of all ages is undertaken instead, a note should be made to this effect, and the particulars should be given under the head of "specials" in columns (4) and 5.

(2) It will be observed that the headings "Clothing" and "Footgear" have been omitted. A short reference should be made to these in the body of the Report. As regards "Teeth," particulars should be given in the statements of the working of schemes of dental inspection and treatment where a scheme is in operation.

## TABLE III.

NUMERICAL RETURN OF ALL EXCEPTIONAL  
CHILDREN IN THE AREA IN 1917.

|   |                   |   | Boys. | Girls. | Total. |
|---|-------------------|---|-------|--------|--------|
| BLIND.<br>(Including partially blind)         |                   | Attending Public Elementary Schools ...                         | 1     | —      | 1      |
|   |                   | Attending Certified Schools for the Blind ...                   | —     | —      | —      |
|   |                   | Not at School ...   | —     | —      | —      |
|   |                   |   |       |        |        |
| DEAF AND DUMB.<br>(Including partially deaf). |                   | Attending Public Elementary Schools ...                         | 1     | 1      | 2      |
|   |                   | Attending Certified Schools for the Deaf ...                    | —     | —      | —      |
|   |                   | Not at School ...   | —     | —      | —      |
|   |                   |   |       |        |        |
| MENTALLY<br>DEFICIENT.                        | Feeble<br>Minded. | Attending Public Elementary Schools ...                         | 4     | 2      | 6      |
|   |                   | Attending Certified Schools for Mentally Defective Children ... | 1     | —      | 1      |
|   |                   | Notified to the Local Control Authority during the year ...     | —     | —      | —      |
|   |                   | Not at School ...   | 1     | —      | 1      |
|   |                   |   |       |        |        |
|   | Imbeciles.        | At School ...   | —     | —      | —      |
|   |                   | Not at School ...   | —     | —      | —      |
|   | Idiots.           | —   | —     | 1      | 1      |
|   |                   |   |       |        |        |
|   | EPILEPTICS.       | Attending Public Elementary Schools ...                         | —     | —      | —      |
|   |                   | Attending Certified Schools for Epileptics ...                  | —     | —      | —      |
|   |                   | Not at School ...   | —     | 1      | 1      |

TABLE III.—(Continued.)

|                          |                                      |   | Boys. | Girls. | Total |
|--------------------------|--------------------------------------|---|-------|--------|-------|
| PHYSICALLY<br>DEFECTIVE. | Pulmonary<br>Tubercu-<br>losis.      | Attending Public Elemen-<br>tary Schools ...                            | 2     | —      | 2     |
|                          |                                      | Attending Certified Schools<br>for Physically Defective<br>Children ... | —     | —      | —     |
|                          |                                      | Not at School ...   | —     | —      | —     |
|                          |                                      |   |       |        |       |
|                          | Other forms<br>of Tuber-<br>culosis. | Attending Public Elemen-<br>tary Schools ...                            | 2     | —      | 2     |
|                          |                                      | Attending Certified Schools<br>for Physically Defective<br>Children ... | —     | —      | —     |
|                          |                                      | Not at School ...   | —     | —      | —     |
|                          |                                      |   |       |        |       |
|                          | Cripples<br>other than<br>Tubercular | Attending Public Elemen-<br>tary Schools ...                            | 4     | —      | 4     |
|                          |                                      | Attending Certified Schools<br>for Physically Defective<br>Children ... | —     | —      | —     |
|                          |                                      | Not at School ...   | —     | —      | —     |
|                          |                                      |   |       |        |       |
| *DULL OR BACKWARD.       |                                      | Retarded 2 years ...  | 9     | 4      | 13    |
|                          |                                      | Retarded 3 years ...  | 10    | 3      | 13    |

\*Judged according to age and standard.

**TABLE IV.**  
**TREATMENT OF DEFECTS OF CHILDREN DURING 1917.**

| Condition.                      | No. of defects found for which Treatment was considered necessary. |      |        | No. of defects for which no report is available | No. of defects treated. | Results of Treatment. |            |             | No. of defects not treated. | Per centage of defects treated. |
|---------------------------------|--|------|--------|---|-------------------------|-----------------------|------------|-------------|-----------------------------|---------------------------------|
|                                 | From previous year.  | New. | Total. |   |                         | Re-medied.            | Im-proved. | Un-changed. |                             |                                 |
| Clothing ...                    | —  | 4    | 4      | —   | 3                       | 3                     | —          | —           | 1                           | 75.1                            |
| Footgear ...                    | —  | 31   | 31     | —   | 20                      | 20                    | —          | —           | 11                          | 64.5                            |
| Cleanliness of Head ...         | 8  | 28   | 36     | —   | 20                      | 15                    | 5          | —           | 16                          | 55.5                            |
| Cleanliness of Body ...         | —  | 10   | 10     | —   | 7                       | 4                     | 3          | —           | 3                           | 70.0                            |
| Nutrition ...                   | —  | 8    | 8      | —   | 5                       | 2                     | 3          | —           | 3                           | 62.5                            |
| Nose and Throat ...             | 15   | 82   | 97     | —   | 40                      | 30                    | 10         | —           | 57                          | 41.2                            |
| External Eye Disease ...        | 1  | 1    | 2      | —   | 2                       | 2                     | —          | —           | —                           | 100                             |
| Ear Disease ...                 | —  | 4    | 4      | —   | 4                       | 3                     | 1          | —           | —                           | 100                             |
| Teeth ...                       | 31   | 44   | 75     | —   | 30                      | 19                    | 11         | —           | 45                          | 40                              |
| Heart and Circulation ...       | —  | 5    | 5      | —   | 5                       | 2                     | —          | 3           | —                           | 100                             |
| Lungs ...                       | —  | 6    | 6      | —   | 6                       | 4                     | 1          | 1           | —                           | 100                             |
| Nervous System ...              | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Skin ...                        | —  | 23   | 23     | —   | 18                      | 15                    | 3          | —           | 5                           | 78.2                            |
| Rickets ...                     | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Deformities ...                 | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Tuberculosis--Non-Pulmonary ... | —  | 4    | 4      | —   | 4                       | —                     | 2          | 2           | —                           | 100                             |
| Speech ...                      | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Mental Condition... ..          | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Vision and Squint ...           | 13   | 40   | 53     | —   | 25                      | 15                    | 6          | 4           | 28                          | 47.1                            |
| Hearing ...                     | —  | —    | —      | —   | —                       | —                     | —          | —           | —                           | —                               |
| Miscellaneous ...               | —  | 13   | 13     | —   | 8                       | 4                     | 3          | 1           | 5                           | 61.5                            |
| Total ...                       | 68   | 303  | 371    | —   | 197                     | 138                   | 48         | 11          | 174                         |                                 |

**TABLE V.**  
**INSPECTION, TREATMENT, &c., OF CHILDREN**  
**DURING 1917.**

| PARTICULARS.   | No. |
|--|-----|
| (1) The total number of children medically inspected (whether Code Group, Special, or ailing child)  | 737 |
| (2) The number of children in (1) suffering from defects (other than uncleanness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment.) | 88  |
| (3) The number of children in (1) who were referred for treatment (excluding uncleanness, defective clothing, etc.)  | 230 |
| (4) The number of children in (3) who received treatment for one or more defects (excluding uncleanness, defective clothing, etc.)   | 147 |



